



Central Valley Regional Water Quality Control Board

CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER

Effective Date: 13 June 2017

Reg. Meas. ID:

410947

Place ID: **Expiration Date:**

830867

13 June 2022 WDID: 5A34CR00680

USACE No.:

Program Type: Fill/Excavation

Project Type: Outfall Structures

Project: Negro Bar Culvert Repair Project (Project)

Applicant: California Department of Parks and Recreation

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If you have any questions, please call Central Valley Regional Water Quality Control Board (Central Valley Water Board) Staff listed above or (530) 224-4845 and ask to speak with the Water Quality Certification Unit Supervisor.

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I. Order

This Clean Water Act (CWA) section 401 Water Quality Certification action and Order (Order) is issued at the request of the California Department of Parks and Recreation (herein after Permittee) for the Project. This Order is for the purpose described in application and supplemental information submitted by the Permittee. The application was received on 16 December 2016. The application was deemed complete on 28 February 2017.

II. Public Notice

The Central Valley Water Board provided public notice of the application pursuant to California Code of Regulations, title 23, section 3858 from 23 December 2016 to 13 January 2017. The Central Valley Water Board did not receive any comments during the comment period.

III. Project Purpose

Project will repair a 72-inch steel culvert within Hinkle Creek underneath one segment of the paved bike path/service road at the Negro Bar Recreation Area within Folsom Lake State Recreation Area

IV. Project Description

The upper 40-foot section of culvert will be retained while replacing the lower 20-foot section with a 63-inch outer diameter x 72-foot long (three 24-inch sections) high density polyethylene culvert pipe liner. The creek banks around the outfall will be regraded and stabilized with riprap as will the creek bed around the outfall to prevent future scouring and to create a stable foundation for the pipe liner.

Prior to construction the work area around the culvert outfall will be dewatered. This will be accomplished by installing a 2-foot tall temporary cofferdam consisting of plastic wrapped sandbags positioned 5 feet in front of the culvert inlet. A temporary diversion pumping hose will carry water around the work area and release water back into the creek channel below the work area and a temporary silt fence installed at least 10 feet from the end of the detached culvert in the creek bed.

A 20-foot long x 12-foot wide section of paved bike trail/service road that crosses over the culvert will be saw cut and the asphalt removed. Asphalt will be lifted with an excavator and disposed off-site. Road base below the asphalt will be removed to reveal the joint of the two culvert sections. The damaged section of culvert will be removed and disposed off-site. At the same time the completely detached section of culvert located downstream will be removed from the channel and disposed off-site. The detached culvert is wedged underneath a 20-inch diameter at breast height (DBH) black willow leaning across the channel. The culvert will be smashed/compacted by the claw of the excavator and removed without removing the willow.

Approximately 400 cubic yards of native material will be excavated from the channel around the culvert outfall to remove collapsed material and prepare the site for the new culvert pipe liner. Approximately 400 cubic yards of clean, class 2 riprap will be used to 1) fill the scour hole and line the creek bed to establish a foundation for the culvert pipe liner and 2) stabilize the banks around the outfall to prevent scouring during high flow events. The riprap extending from the end of the culvert will be graded at a 5:1 slope.

The 63-inch high density polyethylene culvert pipe liner will be installed in three (3) 24-foot long sections starting from the upstream end of the 40-foot section of existing steel culvert. Where the pipe liner and steel culvert overlap (a length of 40 feet), approximately 10 cubic

yards of concrete grout will be pumped into the voids between the two walls. This will be accomplished by first grouting the upstream end by hand with a stiff mix and letting it cure hard to form a "plug" at one end. Any overspill will be cleaned up in the immediate area of the pipe. The remaining grouting will take place by pumping a very flowable grout mixture into a 2-inch PVC pipe inserted into the void. This will take place in two shifts filling the bottom half first, allowing to cure for a minimum of four hours, then filling the upper half of the pipe. Since the work area at both ends of the culvert will be dewatered, a plastic fabric will be placed below the entire length of the grouting hose and in the creek bed where grout could potentially overspill.

Approximately 550 cubic yards of soil backfill will be added on top of the culvert to fill the area back to the grade of the bike trail/service road, then compacted. Of the 550 cubic yards, approximately 200 cubic yards will be imported soil while the rest will be material reused from the excavated native soil. Approximately 150 cubic yards of class 3 riprap will be added to the face of the soil backfill to secure it in place. This will create a 3-foot wide hardened slope facing to prevent soil from moving into the creek.

After all work has been completed on the culvert and stabilizing the banks, the section of paved bike trail that was removed will be filled with 12 cubic yards of aggregate base and repaved with 4 cubic yards of asphalt concrete.

When all construction is finished and the concrete asphalt has cured completely, all construction debris and BMP materials will be removed from the channel and the temporary cofferdam disassembled to allow in-stream flows to return to the work area.

Access to the site will be the paved entrance road that leads to the group campground and parking lot near the culvert site. All machinery, heavy equipment and material will be staged in the parking lot at least 100 feet from the creek. During construction, equipment operators will work from a paved section of bike trail or at least 10 feet from the edge of the creek bank on stable ground.

V. Project Location

Address: Negro Bar Recreation Area within Folsom Lake State Recreation Area

County: Sacramento

Assessor's Parcel Number: 06067-2230062011 (Sacramento)

Nearest City: Folsom

Section 35, Township 10 North, Range 7 East, MDB&M.

Latitude: 38.684°N and Longitude: -121.181°W

Maps showing the Project location are found in Attachment A of this Order.

VI. Project Impact and Receiving Waters Information

The Project is located within the jurisdiction of the Central Valley Water Board. Receiving waters and groundwater potentially impacted by this Project are protected in accordance with the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, Fourth Edition, revised April 2016 (Basin Plan) The plan for the region and other plans and

policies may be accessed online at: http://www.waterboards.ca.gov/plans_policies/. The Basin

Plan includes water quality standards, which consist of existing and potential beneficial uses of waters of the state, water quality objectives to protect those uses, and the state and federal antidegradation policies.

It is the policy of the State of California that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes. This Order promotes that policy by requiring discharges to meet maximum contaminant levels designed to protect human health and ensure that water is safe for domestic use.

Project impact and receiving waters information can be found in Attachment B. Table 1 of Attachment B shows the receiving waters and beneficial uses of waters of the state impacted by the Project. Individual impact location and quantity is shown in Table 2 of Attachment B.

VII. Description of Direct Impacts to Waters of the State

Direct effects include the temporary dewatering of the work zone in the stream channel, limited tree removal and dredging material from and placing fill material in creek bed. Total Project fill/excavation quantities for all impacts are summarized in Table 1. Permanent impacts are categorized as those resulting in a physical loss in area and also those degrading ecological condition only.

Table 1: Total P	roject Fill	/Excava	ation Qu	antity		· ·			100
			_			Permane	ent Impact		
Aquatic Resource Type	Temp	orary Im	•	Physic	al Loss o	f Area		ntion of Ed ndition O	
	Acres	CY ²	LF ²	Acres	CY	LF	Acres	CY	LF
Riparian Zone	0.07		100	0.02	760	36			
Stream Channel									

VIII. Avoidance and Minimization

Prior to construction California Department of Parks and Recreation (State Parks) will contact the San Juan Water District and coordinate with the Hinkle Reservoir operator to close the release valve or minimize flows being released from the reservoir during construction. Construction will be scheduled during the late summer to fall to take advantage of natural low-flow conditions. A qualified biologist will be onsite during dewatering activities to move stranded aquatic organisms in dewatered areas to wet areas downstream of the work zone.

Sediment that slumped into the creek channel during the 2014 wash out will be removed with an excavator and suitable material re-used as backfill. Sediment fall back during bank stabilization and culvert repair work will be kept to a minimum by having a highly trained and experienced equipment operator working the excavator with oversight provided by a State Parks environmental scientist. If more than 1 cubic foot of fall back enters the channel, the material will be moved back to its original place, compacted and stabilized with riprap. Since the work area will be de-watered prior to and during construction, sediment fall back will not

¹ Includes only temporary direct impacts to waters of the state and does not include upland areas of temporary disturbance which could result in a discharge to waters of the state.

² Cubic Yards (CY); Linear Feet (LF)

directly impact water quality. When the bike trail/service road is being repaved, fiber roll and/or sand bags will line both sides of the road edges to prevent sediment and pollutants from entering the channel. All exposed and disturbed ground above the banks of the creek will be stabilized with coconut fiber jute netting and seeded with a native grass mix when construction is finished.

Soil stockpiles will be located 100 feet away from all waterways and drain inlets. Non-active soil stockpiles will be covered and contained within temporary perimeter sediment barriers, such as berms, dikes, silt fences, or sandbag barriers.

IX. Compensatory Mitigation

No compensatory mitigation is required for permanent impacts because impacts are minimal.

X. California Environmental Quality Act (CEQA)

The California Department of Parks and Recreation has determined that this project meets the Categorical Exemption, under Section 15301 and 15304 of the California Code of Regulations, which exempts Class 1, 4 projects.

The California Department of Parks and Recreation filed a Notice of Exemption with the State Clearinghouse (SCH No. 2017028411) on 17 February 2017 (Cal. Code Regs., tit. 14, § 15062).

XI. Petitions for Reconsideration

Any person aggrieved by this action may petition the State Water Resources Control Board to reconsider this Order in accordance with California Code of Regulations, title 23, section 3867. A petition for reconsideration must be submitted in writing and received within 30 calendar days of the issuance of this Order.

XII. Fees Received

An application fee of \$200.00 was received on 16 December 2016. The fee amount was determined as required by California Code of Regulations, title 23, sections 3833(b)(3) and 2200(a)(3), and was calculated as category F - General Orders for CEQA Exempt Projects (fee code 19) with the dredge and fill fee calculator.

XIII. Conditions

The Central Valley Water Board has independently reviewed the record of the Project to analyze impacts to water quality and designated beneficial uses within the watershed of the Project. In accordance with this Order, the Permittee may proceed with the Project under the following terms and conditions:

A. Authorization

Impacts to waters of the state shall not exceed quantities shown in Table 1.

B. Reporting and Notification Requirements

The following section details the reporting and notification types and timing of submittals. Requirements for the content of these reporting and notification types are detailed in Attachment D, including specifications for photo and map documentation during the Project. Written reports and notifications must be submitted using the Reporting and Notification Cover Sheet located in Attachment D, which must be signed by the Permittee or an authorized representative.

The Permittee must submit all notifications, submissions, materials, data, correspondence, and reports in a searchable Portable Document Format (PDF). Documents less than 50 MB must be emailed to: centralvalleyredding@waterboards.ca.gov.

In the subject line of the email, include the Central Valley Water Board Contact, Project name, and WDID. Documents that are 50 MB or larger must be transferred to a disk and mailed to the Central Valley Water Board Contact.

1. Project Reporting

a. Annual Reporting: The Permittee shall submit an Annual Report each year on the 1st day of the month one year after the effective date of the Certification. Annual reporting shall continue until a Notice of Project Complete Letter is issued to the Permittee.

2. Project Status Notifications

- **a.** Commencement of Construction: The Permittee shall submit a Commencement of Construction Report at least seven (7) days prior to start of initial ground disturbance activities.
- b. Request for Notice of Completion of Discharges Letter: The Permittee shall submit a Request for Notice of Completion of Discharges Letter following completion of active Project construction activities, including any required restoration and permittee-responsible mitigation. This request shall be submitted to the Central Valley Water Board staff within thirty (30) days following completion of all Project construction activities. Upon acceptance of the request, Central Valley Water Board staff shall issue a Notice of Completion of Discharges Letter to the Permittee which will end the active discharge period and associated annual fees.
- c. Request for Notice of Project Complete Letter: The Permittee shall submit a Request for Notice of Project Complete Letter when construction and/or any post-construction monitoring is complete,³ and no further Project activities will occur. This request shall be submitted to Central Valley Water Board staff within thirty (30) days following completion of all Project activities. Upon approval of the request, the Central Valley Water Board staff shall issue a Notice of Project Complete Letter to the Permittee which will end the post discharge monitoring period and associated annual fees.
- Conditional Notifications and Reports: The following notifications and reports are required as appropriate.
 - a. Accidental Discharges of Hazardous Materials⁴

³ Completion of post-construction monitoring shall be determined by Central Valley Water Board staff and shall be contingent on successful attainment of restoration and mitigation performance criteria.

⁴ "Hazardous material" means any material that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment if released into the workplace or the environment. "Hazardous materials" include, but are not limited to, hazardous substances, hazardous waste, and any material that a handler or the administering agency has a reasonable basis (footnote continued on next page)

Following an accidental discharge of a reportable quantity of a hazardous material, sewage, or an unknown material, the following applies (Wat. Code, § 13271):

- As soon as (A) Permittee has knowledge of the discharge or noncompliance,
 (B) notification is possible, and (C) notification can be provided without substantially impeding cleanup or other emergency measures then:
 - first call 911 (to notify local response agency)
 - then call Office of Emergency Services (OES) State Warning Center at:(800) 852-7550 or (916) 845-8911
 - Lastly follow the required OES procedures as set forth in: http://www.caloes.ca.gov/FireRescueSite/Documents/CalOES-Spill_Booklet_Feb2014_FINAL_BW_Acc.pdf
- Following notification to OES, the Permittee shall notify Central Valley Water Board, as soon as practicable (ideally within 24 hours). Notification may be delivered via written notice, email, or other verifiable means in accordance with section XIII.B.
- iii. Within five (5) working days of notification to the Central Valley Water Board, the Permittee must submit an Accidental Discharge of Hazardous Material Report.
- b. Violation of Compliance with Water Quality Standards: The Permittee shall notify the Central Valley Water Board of any event causing a violation of compliance with water quality standards. Notification may be delivered via written notice, email, or other verifiable means in accordance with section XIII.B.
 - i. This notification must be followed within three (3) working days by submission of a Violation of Compliance with Water Quality Standards Report.

c. In-Water Work and Diversions

- i. The Permittee shall notify the Central Valley Water Board at least forty-eight (48) hours prior to initiating work in water or stream diversions. Notification may be delivered via written notice, email, or other verifiable means in accordance with section XIII.B.
- ii. Within three (3) working days following completion of work in water or stream diversions, an In-Water Work/Diversions Water Quality Monitoring Report must be submitted to Central Valley Water Board staff.

d. Modifications to Project

Project modifications may require an amendment of this Order. The Permittee shall give advance notice to Central Valley Water Board staff if Project implementation as described in the application materials is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority by submitting a Modifications to Project Report. The Permittee shall inform Central Valley Water Board staff of any Project modifications that will interfere with the

(footnote continued from previous page)

for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment. (Health & Saf. Code, § 25501.)

Permittee's compliance with this Order. Notification may be made in accordance with conditions in the certification deviation section of this Order.

- **e.** Transfer of Property Ownership: This Order is not transferable in its entirety or in part to any person or organization except after notice to the Central Valley Water Board in accordance with the following terms:
 - i. The Permittee must notify the Central Valley Water Board of any change in ownership or interest in ownership of the Project area by submitting a Transfer of Property Ownership Report. The Permittee and purchaser must sign and date the notification and provide such notification to the Central Valley Water Board at least 10 days prior to the transfer of ownership. The purchaser must also submit a written request to the Central Valley Water Board to be named as the permittee in a revised order.
 - **ii.** Until such time as this Order has been modified to name the purchaser as the permittee, the Permittee shall continue to be responsible for all requirements set forth in this Order.
- f. Transfer of Long-Term BMP Maintenance: If maintenance responsibility for post-construction BMPs is legally transferred, the Permittee must submit to the Central Valley Water Board a copy of such documentation and must provide the transferee with a copy of a long-term BMP maintenance plan that complies with manufacturer or designer specifications. The Permittee must provide such notification to the Central Valley Water Board with a Transfer of Long-Term BMP Maintenance Report at least 10 days prior to the transfer of BMP maintenance responsibility.

C. Water Quality Monitoring

- 1. General: Continuous visual surface water monitoring shall be conducted during active construction periods to detect accidental discharge of construction related pollutants (e.g. oil and grease, turbidity plume, or uncured concrete). The Permittee shall perform surface water sampling:
 - a. when performing any in-water work;
 - **b.** during the entire duration of temporary surface water diversions;
 - **c.** in the event that the Project activities result in any materials reaching surface waters; or
 - **d.** when any activities result in the creation of a visible plume in surface waters.
- 2. Accidental Discharges/Noncompliance: Upon occurrence of an accidental discharge of hazardous materials or a violation of compliance with a water quality standard, Central Valley Water Board staff may require water quality monitoring based on the discharge constituents and/or related water quality objectives and beneficial uses.

3. In-Water Work or Diversions:

During planned in-water work or during the entire duration of temporary water diversions, any discharge(s) to waters of the state shall conform to the following water quality standards:

- **a.** Waters shall not contain oils, greases, waxes, or other materials in concentrations that cause nuisance, result in a visible film or coating on the surface of the water or on objects in the water, or otherwise adversely affect beneficial uses.
- **b.** Activities shall not cause turbidity increases in surface water to exceed:
 - i. where natural turbidity is less than 1 Nephelometric Turbidity Units (NTUs), controllable factors shall not cause downstream turbidity to exceed 2 NTU:
 - ii. where natural turbidity is between 1 and 5 NTUs, increases shall not exceed 1 NTU;
- iii. where natural turbidity is between 5 and 50 NTUs, increases shall not exceed 20 percent;
- iv. where natural turbidity is between 50 and 100 NTUs, increases shall not exceed 10 NTUs;
- v. where natural turbidity is greater than 100 NTUs, increases shall not exceed 10 percent.

In determining compliance with the above limits, appropriate averaging periods may be applied provided that beneficial uses will be fully protected. Averaging periods may only be used with prior permission of the Central Valley Water Board Executive Officer.

c. Activities shall not cause settleable matter to exceed 0.1 mL/L in surface waters as measured in surface waters within approximately 300 feet downstream of the Project.

Sampling during in-water work or during the entire duration of temporary water diversions shall be conducted in accordance with Table 2 sampling parameters.⁵ The sampling requirements in Table 2 shall be conducted upstream out of the influence of the Project, and approximately 300 feet downstream of the work area.

The sampling frequency may be modified for certain projects with written approval from Central Valley Water Board staff. A surface water monitoring report, as described in Attachment D, shall be submitted within two weeks on initiation of in-water construction, and every two weeks thereafter. In reporting the data, the Permittee shall arrange the data in tabular form so that the sampling locations, date, constituents, and

⁵ Pollutants shall be analyzed using the analytical methods described in 40 Code of Federal Regulations Part 136; where no methods are specified for a given pollutant, the method shall be approved by Central Valley Water Board staff. Grab samples shall be taken between the surface and mid-depth and not be collected at the same time each day to get a complete representation of variations in the receiving water. A hand-held field meter may be used, provided the meter utilizes a U.S. EPA-approved algorithm/method and is calibrated and maintained in accordance with the manufacturer's instructions. A calibration and maintenance log for each meter used for monitoring shall be maintained onsite.

concentrations are readily discernible. The data shall be summarized in such a manner to illustrate clearly whether the Project complies with Order requirements. The report shall include surface water sampling results, visual observations, and identification of the turbidity increase in the receiving water applicable to the natural turbidity conditions specified in the turbidity criteria in XIII.C.3.b.

If no sampling is required, the Permittee shall submit a written statement stating, "No sampling was required" within two weeks on initiation of in-water construction, and every two weeks thereafter.

Table 2: Sample Type	and Frequency R	equirements	
Parameter	Unit of Measurement	Type of Sample	Minimum Frequency
Temperature	°F (or as °C)	Grab	Every 4 hours
Settleable Material	ml/L	Grab.	Every 4 hours
Visible construction related pollutants ⁶	Observation	Visual Inspections	Continuous throughout the construction period

4. Post-Construction: Visually inspect the Project site during the rainy season for one year to ensure excessive erosion, stream instability, or other water quality pollution is not occurring in or downstream of the Project site. If water quality pollution is occurring, contact the Central Valley Water Board staff member overseeing the Project within three (3) working days. The Central Valley Water Board may require the submission of a Violation of Compliance with Water Quality Standards Report. Additional permits may be required to carry out any necessary site remediation.

D. Standard

- 1. This Order is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Water Code section 13330, and California Code of Regulations, title 23, chapter 28, Article 6 commencing with sections 3867-3869, inclusive. Additionally, the Central Valley Water Board reserves the right to suspend, cancel, or modify and reissue this Order, after providing notice to the Permittee, if the Central Valley Water Board determines that: the Project fails to comply with any of the conditions of this Order; or, when necessary to implement any new or revised water quality standards and implementation plans adopted or approved pursuant to the Porter-Cologne Water Quality Control Act (Wat. Code, § 13000 et seq.) or federal Clean Water Act section 303 (33 U.S.C. § 1313). For purposes of Clean Water Act section 401(d), the condition constitutes a limitation necessary to assure compliance with water quality standards and appropriate requirements of state law.
- 2. This Order is not intended and shall not be construed to apply to any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license, unless the pertinent certification application was filed pursuant to subsection 3855(b) of chapter 28, title 23 of the California Code of Regulations, and that application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.

⁶ Visible construction-related pollutants include oil, grease, foam, fuel, petroleum products, and construction-related, excavated, organic or earthen materials.

3. This Order is conditioned upon total payment of any fee required under title 23 of the California Code of Regulations and owed by the Permittee.

4. In the event of any violation or threatened violation of the conditions of this Order, the violation or threatened violation shall be subject to any remedies, penalties, process, or sanctions as provided for under state and federal law. For purposes of Clean Water Act, section 401(d), the applicability of any state law authorizing remedies, penalties, processes, or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this Order.

E. General Compliance

- 1. Failure to comply with any condition of this Order shall constitute a violation of the Porter-Cologne Water Quality Control Act and the Clean Water Act. The Permittee and/or discharger may then be subject to administrative and/or civil liability pursuant to Water Code section 13385.
- 2. Permitted actions must not cause a violation of any applicable water quality standards, including impairment of designated beneficial uses for receiving waters as adopted in the Basin Plans by any applicable Central Valley Water Board or any applicable State Water Board (collectively Water Boards) water quality control plan or policy. The source of any such discharge must be eliminated as soon as practicable.
- 3. In response to a suspected violation of any condition of this Order, the Central Valley Water Board may require the holder of this Order to furnish, under penalty of perjury, any technical or monitoring reports the Water Boards deem appropriate, provided that the burden, including costs, of the reports shall bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports. The additional monitoring requirements ensure that permitted discharges and activities comport with any applicable effluent limitations, water quality standards, and/or other appropriate requirement of state law.
- **4.** The Permittee must, at all times, fully comply with engineering plans, specifications, and technical reports submitted to support this Order; and all subsequent submittals required as part of this Order. The conditions within this Order and Attachments supersede conflicting provisions within Permittee submittals.
- 5. This Order and all of its conditions contained herein continue to have full force and effect regardless of the expiration or revocation of any federal license or permit issued for the Project. For purposes of Clean Water Act, section 401(d), this condition constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements of state law.

F. Administrative

1. Signatory requirements for all document submittals required by this Order are presented in Attachment E of this Order.

- 2. This Order does not authorize any act which results in the taking of a threatened, endangered or candidate species or any act, which is now prohibited, or becomes prohibited in the future, under either the California Endangered Species Act (Fish & G. Code, §§ 2050-2097) or the federal Endangered Species Act (16 U.S.C. §§ 1531-1544). If a "take" will result from any act authorized under this Order held by the Permittee, the Permittee must obtain authorization for the take prior to any construction or operation of the portion of the Project that may result in a take. The Permittee is responsible for meeting all requirements of the applicable endangered species act for the Project authorized under this Order.
- 3. The Permittee shall grant Central Valley Water Board staff, or an authorized representative (including an authorized contractor acting as a Water Board representative), upon presentation of credentials and other documents as may be required by law, permission to:
 - **a.** Enter upon the Project or compensatory mitigation site(s) premises where a regulated facility or activity is located or conducted, or where records are kept.
 - **b.** Have access to and copy any records that are kept and are relevant to the Project or the requirements of this Order.
 - **c.** Inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order.
 - **d.** Sample or monitor for the purposes of assuring Order compliance.
- **4.** A copy of this Order shall be provided to any consultants, contractors, and subcontractors working on the Project. Copies of this Order shall remain at the Project site for the duration of this Order. The Permittee shall be responsible for work conducted by its consultants, contractors, and any subcontractors.
- 5. A copy of this Order must be available at the Project site(s) during construction for review by site personnel and agencies. All personnel performing work on the Project shall be familiar with the content of this Order and its posted location at the Project site.
- 6. Lake or Streambed Alteration Agreement The Permittee shall submit a signed copy of the Department of Fish and Wildlife's Lake or Streambed Alteration Agreement to the Central Valley Water Board immediately upon execution and prior to any discharge to waters of the state.

G. Construction

1. Dewatering

a. The Permittee shall develop and maintain on-site a Surface Water Diversion and/or Dewatering Plan(s). The Plan(s) must be developed prior to initiation of any water diversions. The Plan(s) shall include the proposed method and duration of diversion activities and include water quality monitoring conducted, as described in section XIII.C.3, during the entire duration of dewatering and diversion activities. The Plan(s) must be consistent with this Order and must be made available to the Central Valley Water Board staff upon request.

b. For any temporary dam or other artificial obstruction being constructed, maintained, or placed in operation, sufficient water shall at all times be allowed to pass downstream, to maintain beneficial uses of waters of the state below the dam. Construction, dewatering, and removal of temporary cofferdams shall not violate section XIII.C.3.

- c. The temporary dam or other artificial obstruction shall only be built from clean materials such as sandbags, gravel bags, water dams, or clean/washed gravel which will cause little or no siltation. Stream flow shall be temporarily diverted using gravity flow through temporary culverts/pipes or pumped around the work site with the use of hoses.
- **d.** This Order does not allow permanent water diversion of flow from the receiving water. This Order is invalid if any water is permanently diverted as a part of the project.
- 2. Directional Drilling -Not Applicable
- 3. Dredging Not Applicable
- 4. Fugitive Dust Not Applicable
- 5. Good Site Management "Housekeeping"
 - a. The Permittee shall develop and maintain onsite a project-specific Spill Prevention, Containment and Cleanup Plan outlining the practices to prevent, minimize, and/or clean up potential spills during construction of the Project. The Plan must detail the Project elements, construction equipment types and location, access and staging and construction sequence. The Plan must be made available to the Central Valley Water Board staff upon request.
 - b. Refueling of equipment within the floodplain or within 300 feet of the waterway is prohibited. If critical equipment must be refueled within 300 feet of the waterway, spill prevention and countermeasures must be implemented to avoid spills. Refueling areas shall be provided with secondary containment including drip pans and/or placement of absorbent material. No hazardous materials, pesticides, fuels, lubricants, oils, hydraulic fluids, or other construction-related potentially hazardous substances should be stored within a floodplain or within 300 feet of a waterway. The Permittee must perform frequent inspections of construction equipment prior to utilizing it near surface waters to ensure leaks from the equipment are not occurring and are not a threat to water quality.
 - **c.** All materials resulting from the Project shall be removed from the site and disposed of properly.

6. Hazardous Materials

a. The discharge of petroleum products, any construction materials, hazardous materials, pesticides, fuels, lubricants, oils, hydraulic fluids, raw cement, concrete or the washing thereof, asphalt, paint, coating material, drilling fluids, or other substances potentially hazardous to fish and wildlife resulting from or disturbed by project-related activities is prohibited and shall be prevented from contaminating the soil and/or entering waters of the state. In the event of a prohibited discharge, the Permittee shall comply with notification requirements in sections XIII.B.3.a and XIII.B.3.b.

b. Concrete must be completely cured before coming into contact with waters of the United States and waters of the state. Surface water that contacts wet concrete must be pumped out and disposed of at an appropriate off-site commercial facility, which is authorized to accept concrete wastes.

7. In-Water Work

a. In-water work shall occur during periods of no precipitation.

8. Post-Construction Storm Water Management

- a. The Permittee must minimize the short and long-term impacts on receiving water quality from the Project by implementing the following post-construction storm water management practices and as required by local agency permitting the Project, as appropriate:
 - i. Minimize the amount of impervious surface;
 - ii. Provide treatment BMPs to reduce pollutants in runoff;
 - iii. Ensure existing waters of the state (e.g., wetlands, vernal pools, or creeks) are not used as pollutant source controls and/or treatment controls;
 - iv. Preserve and where possible, create or restore areas that provide important water quality benefits, such as riparian corridors, wetlands, and buffer zones;
 - v. Limit disturbances of natural water bodies and natural drainage systems caused by development (including development of roads, highways, and bridges);
 - vi. Use existing drainage master plans or studies to ensure incorporation of structural and non-structural BMPs to mitigate the projected pollutant load increases in surface water runoff:
 - vii. Identify and avoid development in areas that are particularly susceptible to erosion and sediment loss, or establish development guidance that protects areas from erosion/ sediment loss; and
 - viii. Control post-development peak storm water run-off discharge rates and velocities to prevent or reduce downstream erosion, and to protect stream habitat.
- **b.** The Permittee shall ensure that all development within the Project provides verification of maintenance provisions for post-construction structural and treatment control BMPs as required by the local agency permitting the Project. Verification shall include one or more of the following, as applicable:
 - i. The developer's signed statement accepting responsibility for maintenance until the maintenance responsibility is legally transferred to another party; or
 - **ii.** Written conditions in the sales or lease agreement that require the recipient to assume responsibility for maintenance; or
 - **iii.** Written text in Project conditions, covenants and restrictions for residential properties assigning maintenance responsibilities to a home owner's association, or other appropriate group, for maintenance of structural and treatment control BMPs; or

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iv. Any other legally enforceable agreement that assigns responsibility for storm water BMPs maintenance.

9. Roads - Not Applicable

10. Sediment Control

- a. Except for activities permitted by the United States Army Corps of Engineers under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act, soil, silt, or other organic materials shall not be placed where such materials could pass into surface water or surface water drainage courses.
- **b.** Silt fencing, straw wattles, or other effective management practices must be used along the construction zone to minimize soil or sediment along the embankments from migrating into the waters of the state through the entire duration of the Project.
- **c.** The use of netting material (e.g., monofilament-based erosion blankets) that could trap aquatic dependent wildlife is prohibited within the Project area.

11. Special Status Species

Federally-threatened Valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*).

12. Stabilization/Erosion Control

- **a.** All areas disturbed by Project activities shall be protected from washout and erosion.
- **b.** Hydroseeding shall be performed with California native seed mix.

13. Storm Water

- **a.** During the construction phase, the Permittee must employ strategies to minimize erosion and the introduction of pollutants into storm water runoff. These strategies must include the following:
 - i. The Storm Water Pollution Prevention Plan must be prepared during the Project planning and design phases and implemented, as appropriate, before construction; and
 - ii. An effective combination of erosion and sediment control Best Management Practices (BMPs) must be implemented and adequately working prior to the rainy season and during all phases of construction.

H. Site Specific - Not Applicable

I. Total Maximum Daily Load (TMDL) - Not Applicable

J. Mitigation for Temporary Impacts

1. The Permittee shall restore all areas of temporary impacts, including Project site upland areas, which could result in a discharge to waters of the state to preconstruction contours and conditions upon completion of construction activities.

K. Compensatory Mitigation for Permanent Impacts⁷ - Not Applicable

L. Certification Deviation

- 1. Minor modifications of Project locations or predicted impacts may be necessary as a result of unforeseen field conditions, necessary engineering re-design, construction concerns, or similar reasons. Some of these prospective Project modifications may have impacts on water quality. Some modifications of Project locations or predicted impacts may qualify as Certification Deviations as set forth in Attachment F. For purposes of this Certification, a "Certification Deviation" is a Project locational or impact modification that does not require an immediate amendment of the Order, because the Central Valley Water Board has determined that any potential water quality impacts that may result from the change are sufficiently addressed by the Order conditions and the CEQA Findings. After the termination of construction, this Order will be formally amended to reflect all authorized Certification Deviations and any resulting adjustments to the amount of water resource impacts and required compensatory mitigation amounts.
- 2. A Project modification shall not be granted a Certification Deviation if it warrants or necessitates changes that are not addressed by the Order conditions or the CEQA environmental document such that the Project no longer qualifies for a categorical exemption. In this case a supplemental environmental review and different Order will be required.

XIV. Water Quality Certification

I hereby issue the Order for the Negro Bar Culvert Repair Project, WDID No. 5A34CR00680 certifying that as long as all of the conditions listed in this Order are met, any discharge from the referenced Project will comply with the applicable provisions of Clean Water Act sections 301 (Effluent Limitations), 302 (Water Quality Related Effluent Limitations), 303 (Water Quality Standards and Implementation Plans), 306 (National Standards of Performance), and 307 (Toxic and Pretreatment Effluent Standards).

This discharge is also regulated pursuant to State Water Board Water Quality Order No. 2003-0017-DWQ which authorizes this Order to serve as Waste Discharge Requirements pursuant to the Porter-Cologne Water Quality Control Act (Wat. Code, § 13000 et seq.).

Except insofar as may be modified by any preceding conditions, all Order actions are contingent on: (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the conditions of this Order and the attachments to this Order; and, (b) compliance with all applicable requirements of Statewide Water Quality Control Plans and Policies, the Regional Water Boards' Water Quality Control Plans and Policies.

Pamela C. Preeden

Executive Officer

Central Valley Regional Water Quality Control Board

⁷ Compensatory Mitigation is for permanent physical loss and permanent ecological degradation of a water of the state.

Negro Bar Culvert Repair Project

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Attachment A Project Map

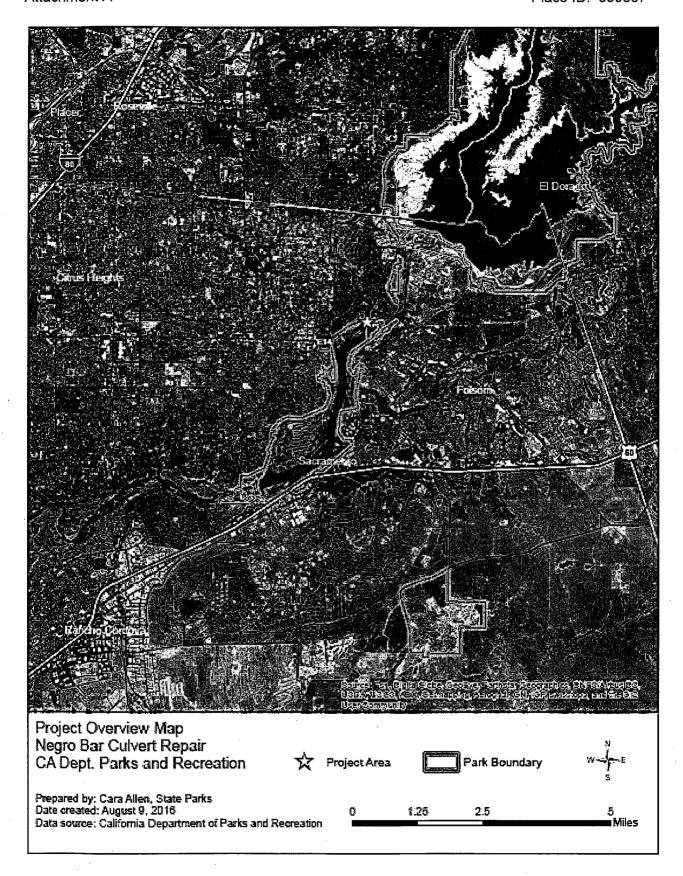
Attachment B Receiving Waters, Impact, and Mitigation Information

Attachment C CEQA Findings of Facts

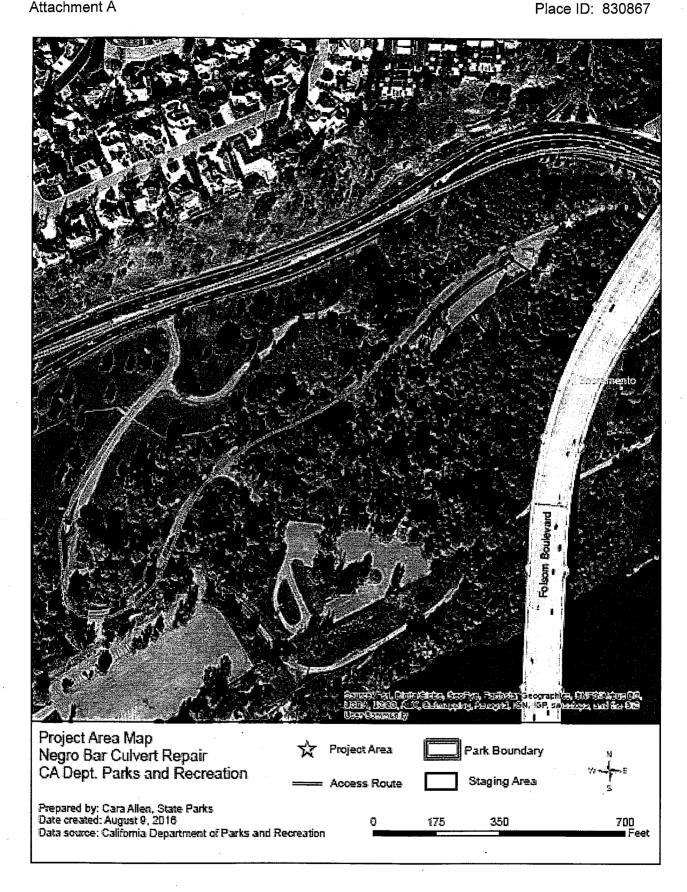
Report and Notification Requirements **Attachment D**

Attachment E Signatory Requirements

Attachment F Certification Deviation Procedures (This page intentionally left blank)



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Negro Bar Culvert Repair Project Attachment B

Reg. Meas. ID: 410947 Place ID: 830867

Receiving Waters
The following table shows the receiving waters associated with each impact site.

Table 1: Receiving Water(s)		nformation	uo				
Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	CRAM AA ID ⁸
NBC-01	Hinkle Creek	Riparian Zone	514.23	Lake Natoma	MUN, AGR, IND, POW, REC-1, REC-2, WARM, COLD, SPAW, WILD	N/A	N/A

Individual Direct Impact Locations

The following table shows individual impact locations.

Fable 2: Individual Direct Impact	ct Impa	ct Information	ation		-						
	Latitude	Longitude	Indirect Requ Mitiga	Indirect Impact Requiring Mitigation	Direct Impact		Dredge		Ë	Fill/Excavation	u
			Yes	No	Duration	Acres	Cubic Yards	Linear Feet	Acres	Cubic Yards	Linear Feet
	V03 00	707 707		Σ	Temporary				0.07		100
	30.004	-121.101		3	Permanent				0.02	260	36
۱					•			•		•	

 $^{^8}$ California Rapid Assessment Method (CRAM) score of impacted sites provided by the Permittee.

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Place ID: 830867

FINDINGS FOR CEQA EXEMPT PROJECTS

The California Department of Parks and Recreation has determined that this project meets the Categorical Exemption, under Section 15301 (Existing Facilities) and 15304 (Minor Alterations to Land) of the California Code of Regulations, which exempts Class 1, 4 projects.

Section 15301, Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination.

Section 15304, Class 4 consists of minor public or private alterations in the condition of land, water, and/or vegetation which do not involve removal of healthy, mature, scenic trees except for forestry or agricultural purposes.

The Project consists of the repair of an existing facility involving negligible or no expansion of use beyond current levels and minor alterations in the condition of land that does not involve the removal of healthy, mature scenic trees, and is included as "trail or road repairs" in the Department of Parks and Recreation's list of exempt activities, in accordance with California Code of Regulations §15300.4.

Additionally, the Central Valley Water Board concludes that no California Code of Regulations, title 14, section exceptions to the CEQA exemption apply to the activities approved by this Order.

The California Department of Parks and Recreation filed a Notice of Exemption with the State Clearinghouse (SCH No. 2017028411) on 17 February 2017 (Cal. Code Regs., tit. 14, § 15062).

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Copies of this Form

In order to identify your project, it is necessary to include a copy of the Project specific Cover Sheet below with your report: please retain for your records. If you need to obtain a copy of the Cover Sheet you may download a copy of this Order as follows:

- 1. Go to: http://www.waterboards.ca.gov/water_issues/programs/cwa401/certifications.shtml
- 2. Find your Order in the table based on Applicant, Date, and Subject headers.

Report Submittal Instructions

- Check the box on the Report and Notification Cover Sheet next to the report or notification you are submitting.
 - Part A (Annual Report): This report will be submitted annually from the anniversary of Project effective date until a Notice of Project Complete Letter is issued.
 - Part B (Project Status Notifications): Used to notify the Central Valley Water Board of the status of the Project schedule that may affect Project billing.
 - Part C (Conditional Notifications and Reports): Required on a case by case basis for accidental discharges of hazardous materials, violation of compliance with water quality standards, notification of in-water work, or other reports.
- Sign the Report and Notification Cover Sheet and attach all information requested for the Report Type.
- 3. Electronic Report Submittal Instructions:
 - Submit signed Report and Notification Cover Sheet and required information via email to: centralvalleyredding@waterboards.ca.gov and cc: Daniel.Warner@waterboards.ca.gov
 - Include in the subject line of the email:
 Subject: ATTN: Daniel Warner; Reg. Measure ID: 5A34CR00680_Report

Definition of Reporting Terms

- 1. <u>Active Discharge Period:</u> The active discharge period begins with the effective date of this Order and ends on the date that the Permittee receives a Notice of Completion of Discharges Letter or, if no post-construction monitoring is required, a Notice of Project Complete Letter. The Active Discharge Period includes all elements of the Project including site construction and restoration, and any Permittee responsible compensatory mitigation construction.
- 2. Request for Notice of Completion of Discharges Letter: This request by the Permittee to the Central Valley Water Board staff pertains to projects that have post construction monitoring requirements, e.g. if site restoration was required to be monitored for 5 years following construction. Central Valley Water Board staff will review the request and send a Completion of Discharges Letter to the Permittee upon approval. This letter will initiate the post-discharge monitoring period and a change in fees from the annual

active discharge fee to the annual post-discharge monitoring fee.

3. Request for Notice of Project Complete Letter: This request by the Permittee to the Central Valley Water Board staff pertains to projects that either have completed post-construction monitoring and achieved performance standards or have no post-construction monitoring requirements, and no further Project activities are planned. Central Valley Water Board staff will review the request and send a Project Complete Letter to the Permittee upon approval. Termination of annual invoicing of fees will correspond with the date of this letter.

- 4. <u>Post-Discharge Monitoring Period:</u> The post-discharge monitoring period begins on the date of the Notice of Completion of Discharges Letter and ends on the date of the Notice of Project Complete Letter issued by the Central Valley Water Board staff. The Post-Discharge Monitoring Period includes continued water quality monitoring or compensatory mitigation monitoring.
- 5. Effective Date: Date of Order issuance.

Map/Photo Documentation Information

When submitting maps or photos, please use the following formats.

1. Map Format Information:

Preferred map formats of at least 1:24000 (1" = 2000') detail (listed in order of preference):

- GIS shapefiles: The shapefiles must depict the boundaries of all project areas and extent of aquatic resources impacted. Each shape should be attributed with the extent/type of aquatic resources impacted. Features and boundaries should be accurate to within 33 feet (10 meters). Identify datum/projection used and if possible, provide map with a North American Datum of 1983 (NAD38) in the California Teale Albers projection in feet.
- Google KML files saved from Google Maps: My Maps or Google Earth Pro. Maps must show the
 boundaries of all project areas and extent/type of aquatic resources impacted. Include URL(s) of maps.
 If this format is used include a spreadsheet with the object ID and attributed with the extent/type of
 aquatic resources impacted.
- Other electronic format (CAD or illustration format) that provides a context for location (inclusion of landmarks, known structures, geographic coordinates, or USGS DRG or DOQQ). Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.
- Aquatic resource maps marked on paper USGS 7.5 minute topographic maps or Digital Orthophoto
 Quarter Quads (DOQQ) printouts. Maps must show the boundaries of all project areas and extent/type
 of aquatic resources impacted. If this format is used include a spreadsheet with the object ID and
 attributed with the extent/type of aquatic resources impacted.
- 2. <u>Photo-Documentation:</u> Include a unique identifier, date stamp, written description of photo details, and latitude/longitude (in decimal degrees) or map indicating location of photo. Successive photos should be taken from the same vantage point to compare pre/post construction conditions.

REPORT AND NOTIFICATION COVER SHEET

Project: Negro Bar Culvert Repair Project

Permittee: CA Dept. of Parks and Recreation

Reg. Meas. ID: 410947 **Place ID:** 830867

Order Effective Date: 13 June 2017

Order Expiration Date: 13 June 2022

	Report Type Submitted
	Part A – Project Reporting
Report Type 1	☐ Monthly Report
Report Type 2	☐ Annual Report
	Part B - Project Status Notifications
Report Type 3	☐ Commencement of Construction
Report Type 4	☐ Request for Notice of Completion of Discharges Letter
Report Type 5	☐ Request for Notice of Project Complete Letter
	Part C - Conditional Notifications and Reports
Report Type 6	☐ Accidental Discharge of Hazardous Material Report
Report Type 7	☐ Violation of Compliance with Water Quality Standards Report
Report Type 8	☐ In-Water Work/Diversions Water Quality Monitoring Report
Report Type 9	☐ Modifications to Project Report
Report Type 10	☐ Transfer of Property Ownership Report
Report Type 11	☐ Transfer of Long-Term BMP Maintenance Report

Negro Bar Culvert Repair Project Attachment D Reg. Meas. ID: 410947 Place ID: 830867

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Part A – Project Reporting

Report Type 1	Monthly Report - Not Applicable
Report Purpose	Notifies Central Valley Water Board staff of the Project status and environmental compliance activities on a monthly basis.
When to Submit	On the 1st day of each month until a Notice of Project Complete Letter is issued to the Permittee.
Report Contents	1. Construction Summary Describe Project progress and schedule including initial ground disturbance, site clearing and grubbing, road construction, site construction, and the implementation status of construction storm water Best Management Practices (BMPs ⁹). If construction has not started, provide estimated start date.
	Event Summary Describe distinct Project activities and occurrences, including environmental monitoring, surveys, and inspections.
	3. Photo Summary Provide photos of Project activities. For each photo, include a unique site identifier, date stamp, written description of photo details, and latitude/longitude (in decimal degrees) or map indicating location of photo. Successive photos should be taken from the same vantage point to compare pre/post construction conditions.
	4. Compliance Summary
	 a) List name and organization of environmental surveyors, monitors, and inspectors involved with monitoring environmental compliance for the reporting period.
	b) List associated monitoring reports for the reporting period.
	c) Summarize observed incidences of non-compliance, compliance issues, minor problems, or occurrences.
,	d) Describe each observed incidence in detail. List monitor name and organization, date, location, type of incident, corrective action taken (if any), status, and resolution.

⁹ Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control.

Annual Report

Report Type 2

Reg. Meas. ID: 410947 Place ID: 830867

Report Purpose	Notify the Central Valley Water Board staff of Project status during both the active discharge and post-discharge monitoring periods.
When to Submit	Annual reports shall be submitted each year on the 1st day of July.Annual reports shall continue until a Notice of Project Complete Letter is issued to the Permittee.
Report Contents	The contents of the annual report shall include the topics indicated below for each project period. Report contents are outlined in Annual Report Topics below.
	 During the Active Discharge Period Topic 1: Construction Summary Topic 2: Mitigation for Temporary Impacts Status Topic 3: Compensatory Mitigation for Permanent Impacts Status
	 During the Post-Discharge Monitoring Period Topic 2: Mitigation for Temporary Impacts Status Topic 3: Compensatory Mitigation for Permanent Impacts Status
	Annual Report Topics (1-3)
Annual Report Topic 1	Construction Summary
When to Submit	With the annual report during the Active Discharge Period.
Report Contents	 Project progress and schedule including initial ground disturbance, site clearing and grubbing, road construction, site construction, and the implementation status of construction storm water best management practices (BMPs). If construction has not started, provide estimated start date and reasons for delay. Map showing general Project progress. If applicable: Summary of Conditional Notification and Report Types 6 and 7 (Part C below). Summary of Certification Deviations. See Certification Deviation Attachment for further information.
Annual Report Topic 2	Mitigation for Temporary Impacts Status
When to Submit	With the annual report during both the Active Discharge Period and Post- Discharge Monitoring Period.
Report Contents	 Planned date of initiation and map showing locations of mitigation for temporary impacts to waters of the state and all upland areas of temporary disturbance which could result in a discharge to waters of the state. If mitigation for temporary impacts has already commenced, provide a map and information concerning attainment of performance standards contained in the restoration plan.

Negro Bar Culve Attachment D	rt Repair Project Reg. Meas. ID: 410947 Place ID: 830867
When to Submit	With the annual report during both the Active Discharge Period and Post- Discharge Monitoring Period.
Report Contents	*If not applicable report N/A.
	 Part A. Permittee Responsible Planned date of initiation of compensatory mitigation site installation. If installation is in progress, a map of what has been completed to date. If the compensatory mitigation site has been installed, provide a final map and information concerning attainment of performance standards contained in the compensatory mitigation plan.
	Part B. Mitigation Bank or In-Lieu Fee 1. Status or proof of purchase of credit types and quantities. 2. Include the name of bank/ILF Program and contact information. 3. If ILF, location of project and type if known.

Part B – Project Status Notifications

Report Type 3	Commencement of Construction
Report Purpose	Notify Central Valley Water Board staff prior to the start of construction.
When to Submit	Must be received at least seven (7) days prior to start of initial ground disturbance activities.
Report Contents	 Date of commencement of construction. Anticipated date when discharges to waters of the state will occur. Project schedule milestones including a schedule for onsite compensatory mitigation, if applicable. Construction Storm Water General Permit WDID No.

Report Type 4	Request for Notice of Completion of Discharges Letter
Report Purpose	Notify Central Valley Water Board staff that post-construction monitoring is required and that active Project construction, including any mitigation and permittee responsible compensatory mitigation, is complete.
When to Submit	Must be received by Central Valley Water Board staff within thirty (30) days following completion of all Project construction activities.
Report Contents	 Status of storm water Notice of Termination(s), if applicable. Status of post-construction storm water BMP installation. Pre- and post-photo documentation of all Project activity sites where the discharge of dredge and/or fill/excavation was authorized. Summary of Certification Deviation discharge quantities compared to initial authorized impacts to waters of the state, if applicable. An updated monitoring schedule for mitigation for temporary impacts to waters of the state and permittee responsible compensatory mitigation during the post-discharge monitoring period, if applicable.

Report Type 5	Request for Notice of Project Complete Letter
Report Purpose	Notify Central Valley Water Board staff that construction and/or any post- construction monitoring is complete, or is not required, and no further Project activity is planned.
When to Submit	Must be received by Central Valley Water Board staff within thirty (30) days following completion of all Project activities.
Report Contents	 Part A: Mitigation for Temporary Impacts A report establishing that the performance standards outlined in the restoration plan have been met for Project site upland areas of temporary disturbance which could result in a discharge to waters of the state. A report establishing that the performance standards outlined in the restoration plan have been met for restored areas of temporary impacts to waters of the state. Pre- and post-photo documentation of all restoration sites.

Negro Bar Culvert Repair Project Attachment D

Reg. Meas. ID: 410947 Place ID: 830867

Part B: Permittee Responsible Compensatory Mitigation

- 1. A report establishing that the performance standards outlined in the compensatory mitigation plan have been met.
- 2. Status on the implementation of the long-term maintenance and management plan and funding of endowment.
- 3. Pre- and post-photo documentation of all compensatory mitigation sites.
- 4. Final maps of all compensatory mitigation areas (including buffers).

Part C: Post-Construction Storm Water BMPs

- 1. Date of storm water Notice of Termination(s), if applicable.
- 2. Report status and functionality of all post-construction BMPs.

Part C – Conditional Notifications and Reports

Report Type 6	Accidental Discharge of Hazardous Material Report
Report Purpose	Notifies Central Valley Water Board staff that an accidental discharge of hazardous material has occurred.
When to Submit	Within five (5) working days following the date of an accidental discharge. Continue reporting as required by Central Valley Water Board staff.
Report Contents	 The report shall include the OES Incident/Assessment Form, a full description and map of the accidental discharge incident (i.e. location, time and date, source, discharge constituent and quantity, aerial extent, and photo documentation). If applicable, the OES Written Follow-Up Report may be substituted. If applicable, any required sampling data, a full description of the sampling methods including frequency/dates and times of sampling, equipment, locations of sampling sites. Locations and construction specifications of any barriers, including silt curtains or diverting structures, and any associated trenching or anchoring.

Report Type 7	Violation of Compliance with Water Quality Standards Report
Report Purpose	Notifies Central Valley Water Board staff that a violation of compliance with water quality standards has occurred.
When to Submit	The Permittee shall report any event that causes a violation of water quality standards within three (3) working days of the noncompliance event notification to Central Valley Water Board staff.
Report Contents	The report shall include: the cause; the location shown on a map; and the period of the noncompliance including exact dates and times. If the noncompliance has not been corrected, include: the anticipated time it is expected to continue; the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance; and any monitoring results if required by Central Valley Water Board staff.

Report Type 8	In-Water Work and Diversions Water Quality Monitoring Report
Report Purpose	Notifies Central Valley Water Board staff of the start and completion of in-water work. Reports the sampling results during in-water work and during the entire duration of temporary surface water diversions.
When to Submit	Seven (7) days prior to the start of in-water work. Within three (3) working days following the completion of in-water work. Surface water monitoring reports to be submitted two (2) weeks on initiation of in-water construction and during entire duration of temporary surface water diversions. Continue reporting in accordance with the approved water quality monitoring plan or as indicated in XIII.C.3.
Report Contents	As required by the approved water quality monitoring plan or as indicated in XIII.C.3.

Report Type 9	Modifications to Project Report
Report Purpose	Notifies Central Valley Water Board staff if the Project, as described in the application materials, is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority.
When to Submit	If Project implementation as described in the application materials is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority.
Report Contents	A description and location of any alterations to Project implementation. Identification of any Project modifications that will interfere with the Permittee's compliance with the Order.

Report Type 10	Transfer of Property Ownership Report
Report Purpose	Notifies Central Valley Water Board staff of change in ownership of the Project or Permittee-responsible mitigation area.
When to Submit	At least 10 working days prior to the transfer of ownership.
Report Contents	 1. A statement that the Permittee has provided the purchaser with a copy of this Order and that the purchaser understands and accepts: a. the Order's requirements and the obligation to implement them or be subject to administrative and/or civil liability for failure to do so; and b. responsibility for compliance with any long-term BMP¹⁰ maintenance plan requirements in this Order.
	2. A statement that the Permittee has informed the purchaser to submit a written request to the Central Valley Water Board to be named as the permittee in a revised order.

Report Type 11	Transfer of Long-Term BMP Maintenance Report
Report Purpose	Notifies Central Valley Water Board staff of transfer of long-term BMP maintenance responsibility.
When to Submit	At least 10 working days prior to the transfer of BMP maintenance responsibility.
Report Contents	A copy of the legal document transferring maintenance responsibility of post-construction BMPs.

Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control.

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SIGNATORY REQUIREMENTS

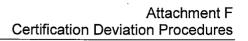
Reg. Meas. ID: 410947

Place ID: 830867

All Documents Submitted In Compliance With This Order Shall Meet The Following Signatory Requirements:

- 1. All applications, reports, or information submitted to the Central Coast Water Quality Control Board (Central Coast Water Board) must be signed and certified as follows:
 - a) For a corporation, by a responsible corporate officer of at least the level of vice-president.
 - b) For a partnership or sole proprietorship, by a general partner or proprietor, respectively.
 - c) For a municipality, or a state, federal, or other public agency, by either a principal executive officer or ranking elected official.
- 2. A duly authorized representative of a person designated in items 1.a through 1.c above may sign documents if:
 - a) The authorization is made in writing by a person described in items 1.a through 1.c above.
 - b) The authorization specifies either an individual or position having responsibility for the overall operation of the regulated activity.
 - c) The written authorization is submitted to the Central Valley Water Board Staff Contact prior to submitting any documents listed in item 1 above.
- 3. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."



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Certification Deviation Procedures

Reg. Meas. ID: 410947

Place ID: 830867

Introduction

These procedures are put into place to preclude the need for Order amendments for minor changes in the Project routing or location. Minor changes or modifications in project activities are often required by the Permittee following start of construction. These deviations may potentially increase or decrease impacts to waters of the state. In such cases, a Certification Deviation, as defined in Section XIII.L of the Order, may be requested by the Permittee as set forth below:

Process Steps

Who may apply: The Permittee or the Permittee's duly authorized representative or agent (hereinafter, "Permittee") for this Order.

How to apply: By letter or email to the 401 staff designated as the contact for this Order.

<u>Certification Deviation Request:</u> The Permittee will request verification from the Central Valley Water Board staff that the project change qualifies as a Certification Deviation, as opposed to requiring an amendment to the Order. The request should:

- 1. Describe the Project change or modification:
 - a. Proposed activity description and purpose;
 - b. Why the proposed activity is considered minor in terms of impacts to waters of the state:
 - c. How the Project activity is currently addressed in the Order; and;
 - d. Why a Certification Deviation is necessary for the Project.
- 2. Describe location (latitude/longitude coordinates), the date(s) it will occur, as well as associated impact information (i.e., temporary or permanent, federal or non-federal jurisdiction, water body name/type, estimated impact area, etc.) and minimization measures to be implemented.
- 3. Provide all updated environmental survey information for the new impact area.
- 4. Provide a map that includes the activity boundaries with photos of the site.
- 5. Provide verification of any mitigation needed according to the Order conditions.
- 6. Provide any other information required by Central Valley Water Board staff to determine whether the Project change or modification necessitates additional environmental review. (Cal. Code Regs., tit. 14, §§ 15061, 15162-15164.)

Negro Bar Culvert Repair Project Attachment F Reg. Meas. ID: 410947 Place ID: 830867

Post-Discharge Certification Deviation Reporting:

- 1. Within 30 calendar days of completing the approved Certification Deviation activity, the Permittee will provide a post-discharge activity report that includes the following information:
 - a. Activity description and purpose;
 - b. Activity location, start date, and completion date;
 - c. Erosion control and pollution prevention measures applied;
 - d. The net change in impact area by water body type(s) in acres, linear feet and cubic yards;
 - e. Mitigation plan, if applicable; and,
 - f. Map of activity location and boundaries; post-construction photos.

Annual Summary Deviation Report:

- 1. Until a Notice of Completion of Discharges Letter or Notice of Project Complete Letter is issued, include in the Annual Project Report (see Construction Notification and Reporting attachment) a compilation of all Certification Deviation activities through the reporting period with the following information:
 - a. Site name(s).
 - b. Date(s) of Certification Deviation approval.
 - c. Location(s) of authorized activities.
 - d. Impact area(s) by water body type prior to activity in acres, linear feet and cubic yards, as originally authorized in the Order.
 - e. Actual impact area(s) by water body type in, acres, linear feet and cubic yards, due to Certification Deviation activity(ies).
 - f. The net change in impact area by water body type(s) in acres, linear feet and cubic yards;
 - g. Mitigation to be provided (approved mitigation ratio and amount).